Claims

[c1] What is claimed is:

1.An interface system for a computer, the computer comprising a monitor and a processor, the system comprising:

a plurality of target data sets, each target data set comprising an ID of a target;

at least a relation data set, each relation data set comprising IDs of two targets and a relation attribute data of the two targets;

a display program for displaying the plurality of target data sets and the relation data sets on the monitor in a relation graph format, each target data set displayed as an icon in the relation graph, and each relation data set displayed in a linking graph format between the two icons corresponding to the two targets of the relation data set;

a selection program for a user to select the icons displayed on the monitor; and

an application program activated by the user to provide a predetermined functionality to the IDs of the icons selected by using the selection program.

[c2] 2.The interface system of claim 1 wherein if the relation attribute data of two relation data sets are different, the display program uses two different link graphs to represent the two different kinds of relation attributes.

[c3] 3.The interface system of claim 1 wherein the relation data set further comprises a relation attribute classification data for determining classification of the relation attribute data of the relation data set.

[c4] 4.The interface system of claim 3 wherein the relation attribute classification data is a personal relationship or a business relationship.

[c5] 5.The interface system of claim 1 wherein the relation data set further comprises a relation state data for representing an existence state or an existence time of the relation attribute data of the relation data set.

[c6] 6.The interface system of claim 1 wherein the relation data set further comprises a relation sort data for representing sorting parameters of each target having a same relation attribute data with a specific target.

[c7] 7.The interface system of claim 1 wherein each target data set further

comprises a classification data for representing a classification of a target in the target data set.

[c8] 8.The interface system of claim 7 wherein the classification data is a group or an individual for representing a target of the target data set as a group or an individual.

[c9] 9.The interface system of claim 1 wherein the selection program is used to show on the monitor, in a specific manner, icons chosen by the user so that the user is capable of recognizing the chosen icons.

[c10] 10.The interface system of claim 1 wherein the selection program is used to show on the monitor a plurality of icons chosen by the user, and to show relations between each icon.

[c11] 11.The interface system of claim 1 wherein the selection program is used to select a specific icon by the user, and the display program shows on the monitor the specific icon, each icon related to the specific icon, and corresponding relationships.

[c12] 12.The interface system of claim 1 wherein each target data set further comprises an e-mail address of a target, and the application program is an e-mail program so that the user is capable of sending e-mail to e-mail addresses of each icon chosen by the selection program.

[c13] 13.A human relation display system for a computer, the computer comprising a monitor and a processor, the system comprising:
a plurality of target data sets, each target data set comprising an ID of a target;
at least a relation data set, each relation data set comprising IDs of two targets and relation attribute data of the two targets;
a display program for displaying the plurality of target data sets and the relation data sets on the monitor in a relation graph format, each target data set displayed as an icon in the relation graph, and each relation data set displayed in a linking graph format between the two icons corresponding to the two targets of the relation data set; and
a selection program for a user to select the icons displayed on the monitor, the

display program showing icons chosen by the user on the monitor in a specific manner so that the user is capable of recognizing the chosen icons.

[c14] 14.The human relation display system of claim 13 wherein if the relation attribute data of two relation data sets are different, the display program uses two different link graphs to indicate the two different kinds of relation attributes.

[c15] 15.The human relation display system of claim 13 wherein the relation data set further comprises relation attribute classification data for indicating a classification of the relation attribute data of the relation data set.

[c16] 16.The human relation display system of claim 15 wherein the relation attribute classification data indicates a personal relationship or a business relationship.

[c17] 17.The human relation display system of claim 13wherein the relation data set further comprises relation state data for representing an existence state or an existence time of the relation attribute data of the relation data set.

[c18] 18.The human relation display system of claim 13 wherein the relation data set further comprises relation sort data for representing sorting parameters of each target having a same relation attribute data with a specific target.

[c19] 19.The human relation display system of claim 13 wherein each target data set further comprises classification data for representing a classification of a target in the target data set.

[c20] 20.The human relation display system of claim 19 wherein the classification data is a group or an individual for representing a target of the target data set as a group or an individual.

[c21] 21.The human relation display system of claim 13 wherein the selection program is used to show on the monitor a plurality of icons chosen by the user, and to show relations between each icon.

[c22] 22.The human relation display system of claim 13 wherein the selection program is used to select a specific icon by the user, and the display program

shows on the monitor the specific icon, each icon related to the specific icon, and corresponding relationships.

[c23] 23.A human relation display system for a computer, the computer comprising a monitor and a processor, the system comprising:
a plurality of target data sets, each target data set comprising an ID of a target;
at least a relation data set, each relation data set comprising IDs of two targets and relation attribute data of the two targets;
a display program for displaying the plurality of target data sets and the relation data sets on the monitor in a relation graph format, each target data set displayed as an icon in the relation graph, and each relation data set displayed in a linking graph format between the two icons corresponding to the two targets of the relation data set; and
a selection program for a user to select at least a target from the plurality of target data sets, the display program showing chosen targets and corresponding relationships and targets on the monitor in the relation graph format.

[c24] 24.The human relation display system of claim 23 wherein if the relation attribute data of two relation data sets are different, the display program uses two different link graphs to represent the two different kinds of relation attributes.

[c25] 25.The human relation display system of claim 23 wherein the relation data set further comprises relation attribute classification data for determining a classification of the relation attribute data of the relation data set.

[c26] 26.The human relation display system of claim 25 wherein the relation attribute classification data is a personal relationship or a business relationship.

[c27] 27.The human relation display system of claim 23 wherein the relation data set further comprises relation state data for representing an existence state or an existence time of the relation attribute data of the relation data set.

[c28] 28.The human relation display system of claim 23 wherein the relation data set further comprises relation sort data for representing sort parameters of each

target having a same relation attribute data with a specific target.

[c29] 29.The human relation display system of claim 23 wherein each target data set further comprises classification data for representing a classification of a target in the target data set.

[c30] 30.The human relation display system of claim 29 wherein the classification data is a group or an individual for representing a target of the target data set as a group or an individual.

[c31] 31.The human relation display system of claim 23 wherein the selection program is used to show on the monitor a plurality of icons chosen by the user and relations between each icon.

[c32] 32.The human relation display system of claim 23 wherein the selection program is used to select a specific icon by the user, and the display program shows on the monitor the specific icon, each icon related to the specific icon, and corresponding relationships.